

*Quality*  
is our first priority

**POLO**<sup>®</sup>

AL-RAAI PLASTIC WORKS  
ISO 9001 CERTIFIED COMPANY



PPRC PIPES  
& FITTINGS

## PPRC Pipes & Fittings

### STANDARDS & SPECIFICATIONS

- DIN 8077/8078, DIN 16962

### AVAILABLE SIZES

- Size Range: 25mm to 110mm



### SALIENT FEATURES

#### **Durability & Longevity:**

PPRC pipes and fittings are designed to be long-lasting and resilient.

#### **High Heat Resistance:**

They excel in handling hot water and industrial applications due to their strong thermal performance.

#### **Corrosion Resistance:**

PPRC materials are highly resistant to chemical corrosion, ensuring reliability in various environments.

**PPRC PIPES & FITTINGS  
DIAMETER & WALL THICKNESS  
HOT & COLD WATER DISTRIBUTION SYSTEM**

SIZE	OUTER DIAMETER	PN-16 Wall Thickness		PN-20 Wall Thickness	
		MIN. mm	MAX. mm	MIN. mm	MAX. mm
mm	MAX. mm	MIN. mm	MAX. mm	MIN. mm	MAX. mm
20	20.0~20.3	2.8	3.3	3.4	4.0
25	25.0~25.3	3.5	4.1	4.2	4.9
32	32.0~32.3	4.4	5.1	5.4	6.2
40	40.0~40.4	5.5	6.3	6.7	7.6
50	50.0~50.5	6.9	7.8	8.3	9.4
63	63.0~63.6	8.6	9.7	10.5	11.8
75	75.0~75.7	10.3	11.6	12.5	14.0
90	90.0~90.9	12.3	13.8	15.0	16.7
110	110.0~111.0	15.1	16.9	18.3	20.4


**PPRC PIPES & FITTINGS  
ALLOWABLE OPERATING PRESSURE**

TEMP	TIME OF SERVICE	PN-16		PN-20	
		ALLOWABLE OPERATING PRESSURE			
°C	YEARS				
20	100	19.9	288.6	25.0	362.5
30	100	16.8	243.6	21.1	306.0
40	100	14.1	204.5	17.8	258.1
50	100	11.8	171.1	14.9	216.1
60	50	10.2	147.9	12.9	187.1
70	50	6.7	97.2	8.5	123.3
80	25	6.2	89.9	7.8	113.1

**KEY FEATURES OF PPRC FOR CHEMICAL AND FLUID TRANSMISSION APPLICATIONS**

- Corrosion and Erosion Resilience
- Chemical & Fluid Transmission
- High-Temperature Chemical Resistance
- Low Thermal Conductivity for Temperature Control
- Smooth Interior & Leak-Proof Fusion Joints
- Industrial Impact Strength, Longevity & Versatility.

 polopipes

 polopipes.com.pk



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